

# LOCATING INFORMATION ON DEVELOPMENTAL DISABILITIES USING NLM RESOURCES

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### **AGENDA**

- Who we are
- Basics about developmental disabilities
- Evaluating websites
- NLM, NIH, and other resources
- Concerns and issues
- Interaction and language
- Library programs and services

### WHO ARE WE?

NIH

NLM

NN/LM

What's the difference?





### National Network of Libraries of Medicine





Pacific Northwest Region

Search

M. ober Services »

Provide Outreach »

Resource Sharing & Document Delive / »

Funding »

Training & Educational Opportunities »

### News & Announcements

- » <u>Dragonfly</u> (PNR blog) » <u>Bringing Health Information to the</u> Community (BHIC blog)
- » PNR Rendezvous Join our free monthly
- webcast series on September 16. » PNR Partners Join our webinar series showcasing the work of our funding
- recipients November 12. » PNR Calendar
- » HLIB-NW Discussion List
- » NLM Technical Bulletin
- » Follow us on Twitter ₪ » Find us on Facebook ₪

### Quick Links » Affordable Care Act information

- » Emergency Preparedness and Response
- » Health Information on the Web ₪ » <u>MedlinePlus</u> প্র
- » PubMed ₺ » Network Member Directory
- » <u>DOCLINE</u> ₽
- » Especially for:
- » Advocacy for Hospital Libraries
- » American Indians & Alaska Natives
- » Community-based Organizations » Public Health Workforce ₪
- » Public Libraries
- » Outreach Evaluation Resource Center

### National Network of Libraries of Medicine (NN/LM) Pacific Northwest Region



Supporting collaboration among regional libraries, information centers, and community-based organizations in the states of Alaska, Idaho, Montana, Oregon, and Washington.

The mission of the NN/LM is to enhance access to biomedical and health information for researchers, health professionals and the public. Located at the University of Washington, the Regional Medical Library for the NN/LM Pacific Northwest Region offers education programs, funding, and consultation to support research, health information services, resource sharing, community partnerships, and outreach in the region.

If your institution is not a member learn more about the benefits of membership and join

JOIN THE NETWORK

### Featured NLM Resource



A TOXNET DATABASE

### What is LactMed?

The LactMed® database contains information on drugs and other chemicals to which breastfeeding mothers may be exposed. It includes information on the levels of such substances in breast milk and infant blood, and the possible adverse effects in the nursing infant. Suggested therapeutic alternatives to those drugs are provided, where appropriate. All data are derived from the scientific literature and fully referenced.

Updates: LactMed is updated monthly.

1 of 3

Previous Pause Next

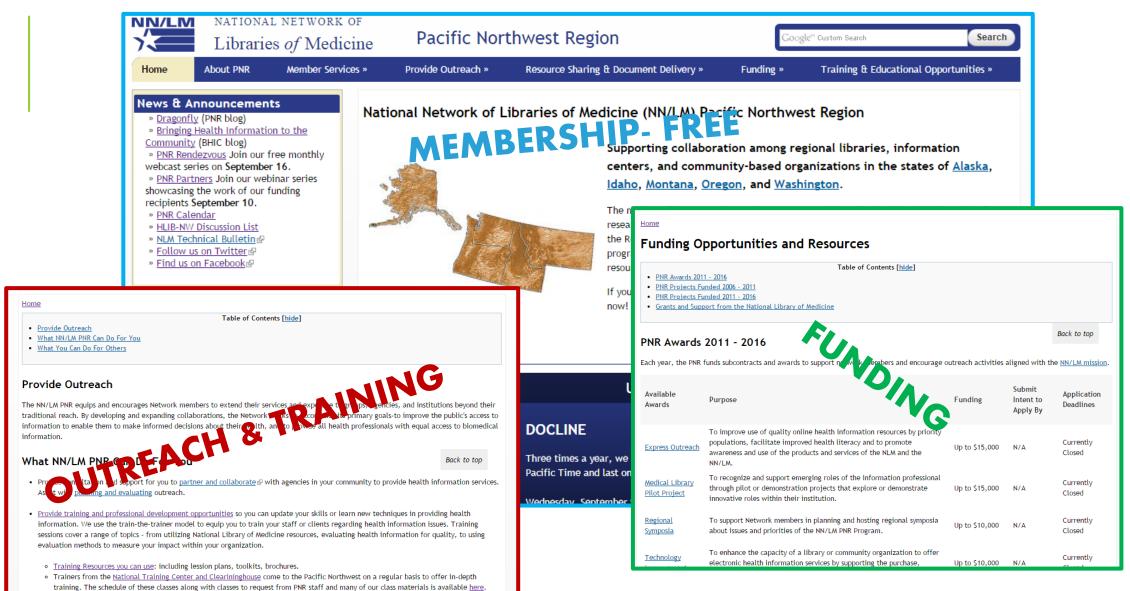


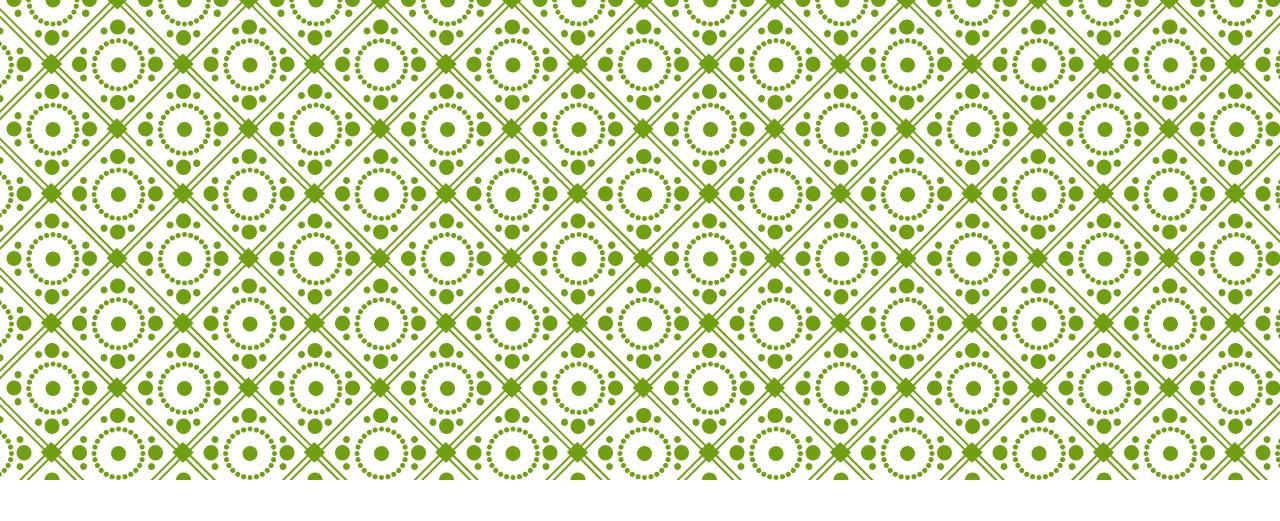
· Here is a calendar of events listing where regional NN/LM staff will be offering training sessions or staffing exhibits throughout the

Provide funding for health information outreach projects in your community. To find out about funding opportunities visit this page, which

Home

### Pacific Northwest Region





### BASIC INFORMATION

regarding developmental disabilities

## DEFINITION OF DEVELOPMENTAL DISABILITIES

CDC definition:

"Developmental disabilities are a group of conditions due to an impairment in physical, learning, language, or behavior areas. These conditions begin during the developmental period, may impact day-to-day functioning, and usually last throughout a person's lifetime."

### CAUSES/ RISK FACTORS

### Most conditions caused by complex mix of factors:

- Genetic or chromosome abnormalities, causing conditions such as Down syndrome and Rett syndrome
- Certain viral infections during pregnancy
- Exposure of the mother or child to high levels of environmental toxins, such as lead
- Parental health and behaviors (such as smoking and drinking) during pregnancy
- Birth complications
- Preterm birth

### WHO IS AFFECTED

- \*All ethnic, racial and socioeconomic groups
- •1 in 6, or about 15% of U.S. children aged 3 through 17 years, have one or more developmental disabilities or delays (2006-2008 survey)

### **STATISTICS**

The prevalence of any DD (1997–2008) - 13.87%

- Prevalence of learning disabilities 7.66%
- Prevalence of attention deficit hyperactivity disorder (ADHD) - 6.69%
- •Prevalence of other developmental delay 3.65%
- Prevalence of Autism 0.47%

## WHAT DOES THIS MEAN FOR INDIVIDUALS AND FAMILIES?

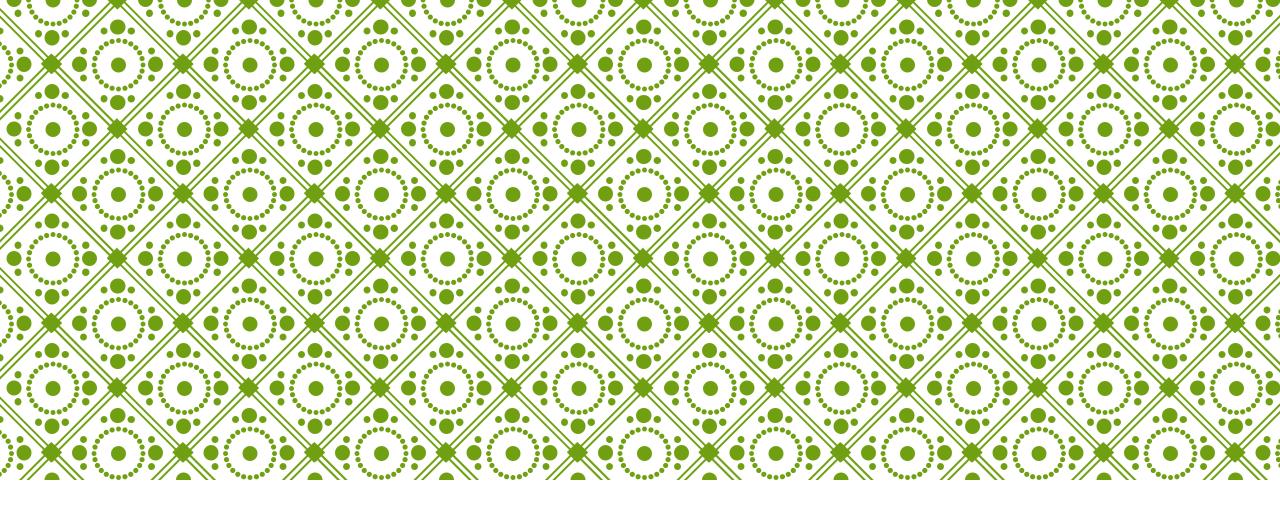
- Limited access to treatment and services
- •Limited knowledge of and/or navigating social services, educational assistance, medical needs
- Extra effort and time to advocate and assist
- Job limitations
- Economic effects
- Cultural, language, literacy factors have additional impact
- Ethnic and racial disparities
- Affects whole family

### HEALTH DISPARITIES

- Access to services
- Healthcare costs
- Knowledge/understanding basics of health
- •Knowledge/understanding of treatments, procedures, aftercare
- Less advocacy
- •Knowledge/understanding by health care industry
- •Fewer options
- More complex care
- Medicaid
- Less research available

### PROGRESS NEEDED:

- More awareness
- More services
- Better understanding of medical and social aspects
- Risk factors
- Early interventions
- Assistance to families and individuals
- Acceptance in schools, employers, businesses, and society in general



### EVALUATING WEBSITES

ABCs of website evaluation

### EVALUATING WEBSITES

- Accuracy
  - Based on sound medical research?
  - Can information be verified?
- Authority
  - Credentials of author
  - Contact information
  - Domain name: .edu, .org, .gov Versus .com, .net
- Bias/Objectivity
  - Advertising?
- Sponsoring institution: pharmaceutical company? Non-profit?
- Currency
  - Last updated?
  - Links work?
- Coverage
  - Information complete?
  - Are sources provided?



### EVALUATING WEBSITES





We have 3 generations on the spectrum.

Our best providers took us from struggles to thriving.

FREE. Find providers.

FREE. Add your business or best providers.

FREE. Rate & Comment. Your wisdom is needed.





FIND LOWEST DRUG PRICES

Brain & Nervous System > Autism >

CHECK YOUR SYMPTOMS

### SPECTRUM DISORDERS HOME News & Features

FIND A DOCTOR

Reference Slideshows Videos Message Boards Find a Neurologist

AUTISM

AUTISM **SPECTRUM** DISORDERS HEALTH CENTER

Topic Overview Symptoms Exams and Tests Treatment Overview

Home → Health Topics → Autism Spectrum Disorde Autism Spectrum Disorder

Health Topics Drugs & Supplements Videos & Tools

Learn More

Find an Expert

See, Play and Learn

Health Check Tools

For You

Children

Teenagers

NIH) U.S. National Library of Medicine

Basics

Statistics and Research

Clinical Trials

Journal Articles

developmental disorders.

Also called: ASD, Pervasive developmental disorder (PDD) On this page



Summary Autism spectrum disorder (ASD) is a neurological and developmental disorder that begins early in childhood and lasts throughout a person's life. It affects how a person acts and interacts with others, communicates, and learns. It includes what used to be known as Asperger syndrome and pervasive

It is called a "spectrum" disorder because people with ASD can have a range of symptoms. People with ASD might have problems talking with you, or they might not look you in the eye when you talk to them. They may also have restricted interests and repetitive behaviors. They may spend a lot of time putting things in order, or they may say the same sentence again and again. They may often seem to be in their



...



**Autism Overview** 

The Facts About Autism

ntal disorder and Aspergaris sundrame. The sauses

Learn about symptoms, diagnosis, and treatments.



Foods to Boost Your Brain What to eat to improve memory

Why Do I Waste So Much

Treating Colds & Flu

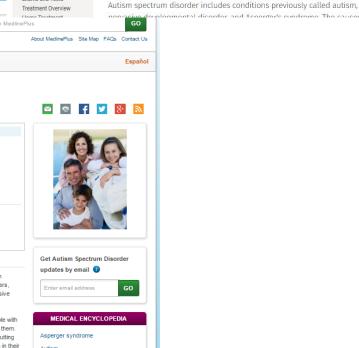
Why you procrastinate, and how to



**TODAY ON WEBMD** 



12 Reasons You Can't Plus tips to get your focus back.

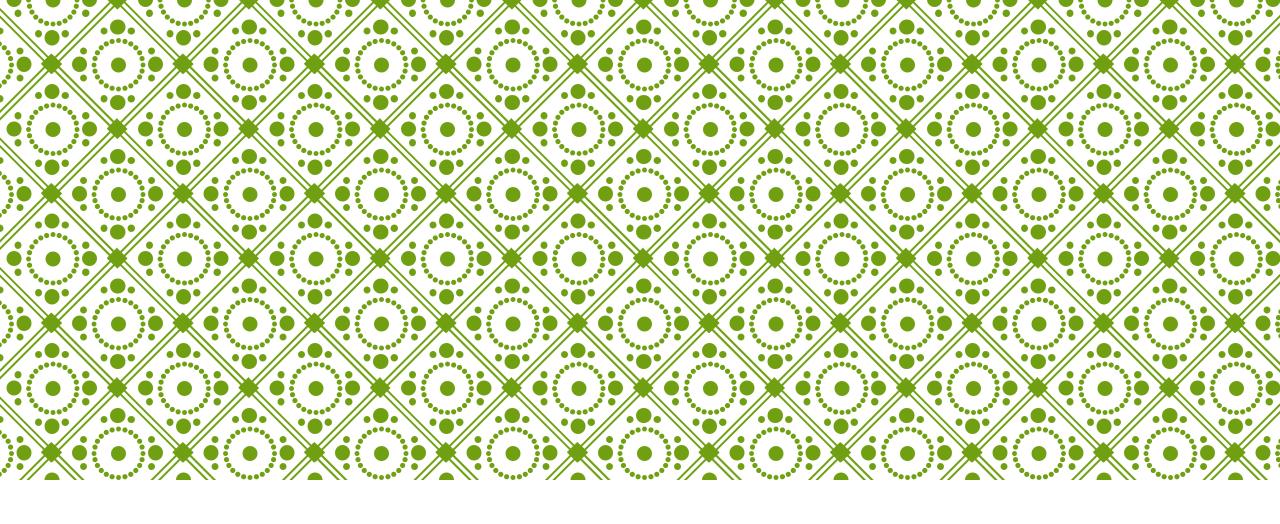


### **MEDLINEPLUS**

### HTTPS://WWW.NLM.NIH.GOV/MEDLINEPLUS/







## LOCATING INFORMATION USING NLM RESOURCES

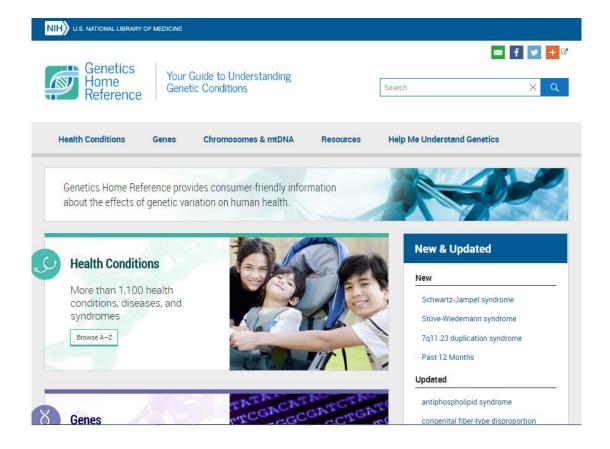
and other resources

### NLM RESOURCES

### MedlinePlus



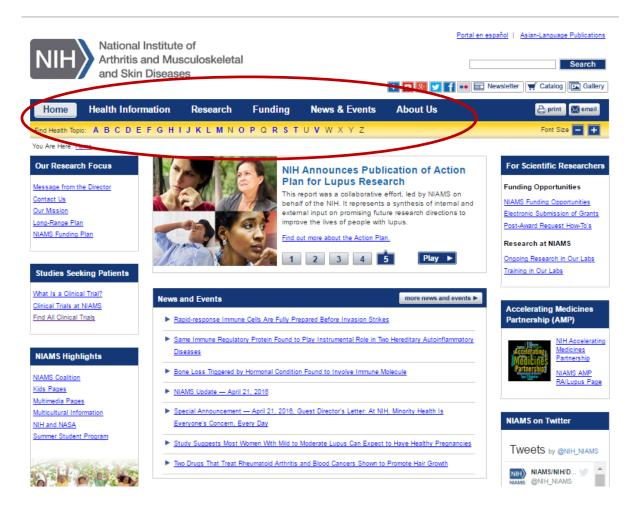
### Genetics Home Reference



## NIH EUNICE KENNEDY SHRIVER NATIONAL INSTITUTE OF CHILD HEALTH & HUMAN DEVELOPMENT (NICHD)



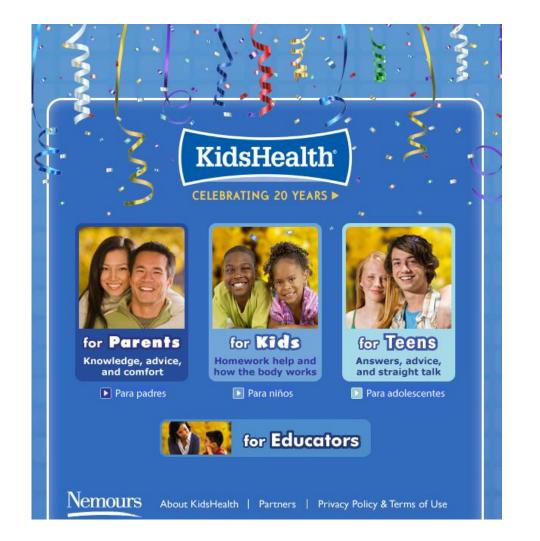
## NIH NATIONAL INSTITUTE OF ARTHRITIS & MUSCULOSKELETAL & SKIN DISEASES (NIAMS)

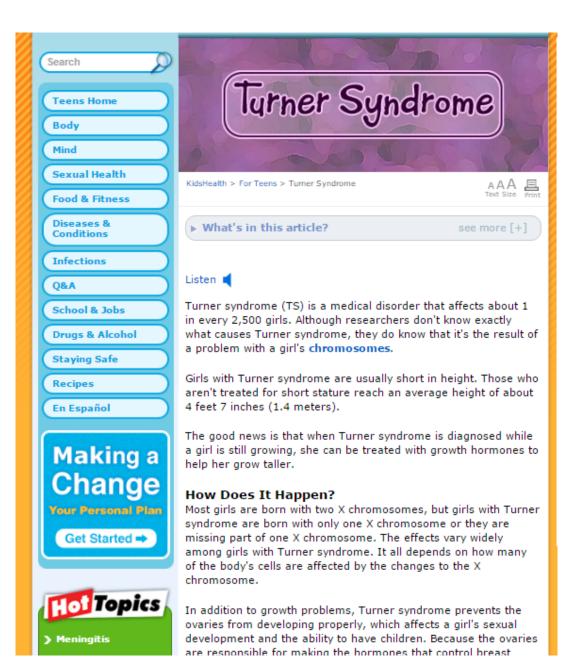


## NIH NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS AND STROKE (NINDS)



### KIDSHEALTH.ORG





### ACL.GOV





### U.S. Department of Health and Human Services Administration for Community Living

Search: ACL.gov

Help & Resources Newsroom Programs & Activities Data & Evaluations Funding Opportunities About ACL

Home > Help & Resources > People with Disabilities

Print A Resize

Go

**Brain Health** Older Adults

People with Disabilities

Caregivers and Families **Emergency Preparedness** 

**Funded Resource Centers** 

Administration on Aging Administration on Disabilities Center for Integrated

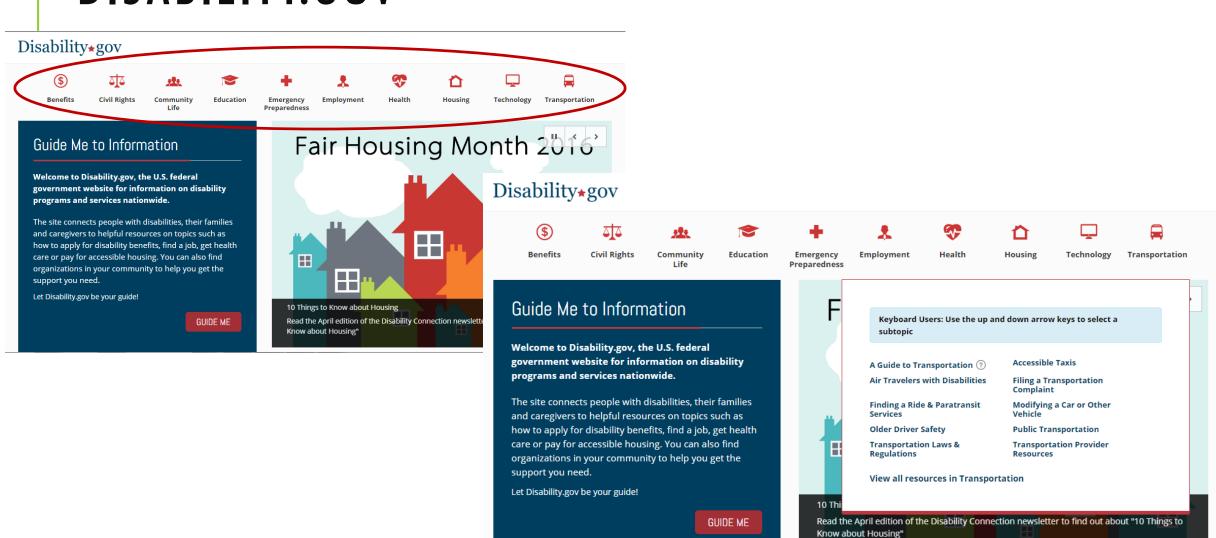
Programs

Additional Resources

### People with Disabilities

- Disability.gov—This federal government website provides comprehensive information on disability programs and services in communities nationwide. The site links to more than 14,000 resources from federal, state and local government agencies.
- Centers for Independent Living —The website provides information and links to the Centers for Independent Living (CILS), nonresidential private nonprofit agencies that are designed and operated within a local community by individuals with disabilities and provide an array of independent living services.
- · State Councils on Developmental Disabilities-This page provides information and links to the 56 State Councils on Developmental Disabilities, federally funded, self-governing organizations charged with identifying the most pressing needs of people with developmental disabilities in their state or territory.
- · Protection and Advocacy Agencies (P&A)-This page provides information and links to the 57 P&As across the United States that are dedicated to the ongoing fight for the personal and civil rights of individuals with developmental disabilities, P&As provide legal support to traditionally underserved or underserved populations to help them navigate the legal system to achieve resolution and encourage systems change.
- University Centers for Excellence in Developmental Disabilities (UCEDDs) University Centers for Excellence in Developmental Disabilities (UCEDDs)—This page provides information and links to the 68 UCEDDs across the United States, UCEDDs are a nationwide network of independent but interlinked centers, representing an expansive national resource for addressing issues, finding solutions, and advancing research related to the needs of individuals with developmental disabilities and their families.
- Projects of National Significance (PNS)—This page provides information and links to the PNS. PNS focus on the most pressing issues affecting people with developmental disabilities and their families, creating and enhancing opportunities for these individuals to contribute to, and participate in, all facets of community life.
- Related Resources
  - Allies of Self-Advocacy
  - Autism Society of America
  - Clearinghouse on Disability Information Disabilities
  - Developmental Disabilities Resource Center (DDRC)
  - National Association of Secretaries of State (Help America Vote Act Resources) do
  - National Association of State Directors of Developmental Disabilities Services

### DISABILITY.GOV



### CDC







Developmental disabilities are a group of conditions due to an impairment in physical, learning, language, or behavior areas. About one in six children in the U.S. have one or more developmental disabilities or other developmental delays.

| BASICS Milestones, screening, causes and risk factors, and living with a disability. | SPECIFIC CONDITIONS Information about specific types of developmental disabilities. |
|--|---|
| RESEARCH & TRACKING<br>What we've learned and CDC's work.                            | ARTICLES Scientific articles.   |
| RESOURCE CENTER Print or order free materials.                                       | MULTIMEDIA & TOOLS<br>Videos, podcasts, and widgets.                                |
| LINES TO OTHER WEBSITES Links to information from other organizations.               | ABOUT US<br>Overview of CDC's work.   |





Q SEARCH

CDC A-Z INDEX Y

### **Developmental Disabilities**

**Developmental Disabilities** Homepage Free Materials Facts f 💆 🛨 Specific Conditions Research & Tracking Articles & Key Findings Free Materials Multimedia & Tools Links to Other Websites

About Us

Media

Information For...

Policy Makers

Neurologic Disorders

Get a flu shot every year

Children with

Developmental Disabilities Homepage

Language: English

### Attention-Deficit / Hyperactivity Disorder (ADHD)

People with ADHD have trouble paying attention, controlling impulsive behaviors, and in some cases, are overly active. CDC has materials for families.



### Autism Spectrum Disorder (ASD)

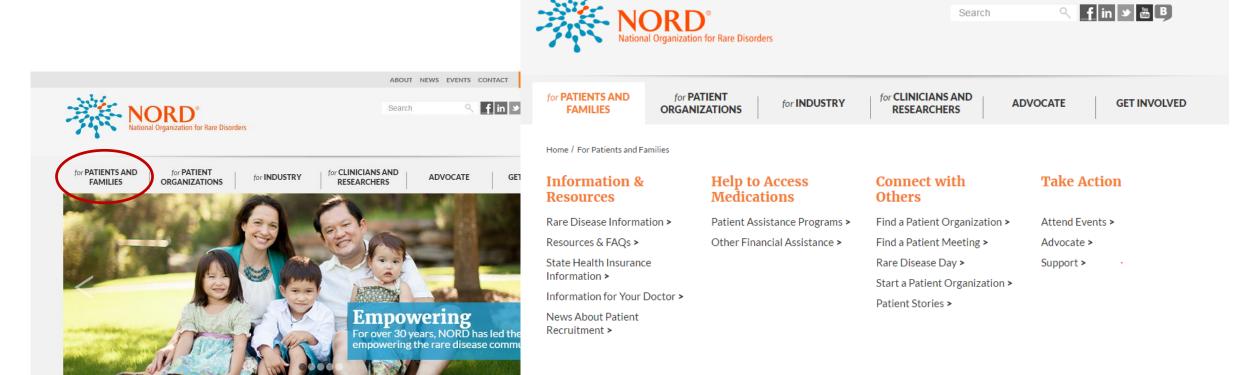
Autism Spectrum Disorder (ASD) is a group of developmental disabilities that can cause significant social, communication and behavioral challenges. CDC has fact sheets, posters, a growth chart, and more in English and Spanish.



### Fetal Alcohol Spectrum Disorders (FASDs)

FASDs are a group of conditions that can include physical problems and problems with behavior and learning. CDC has materials in English and Spanish for families, health professionals, and others on FASDs.

### NORD



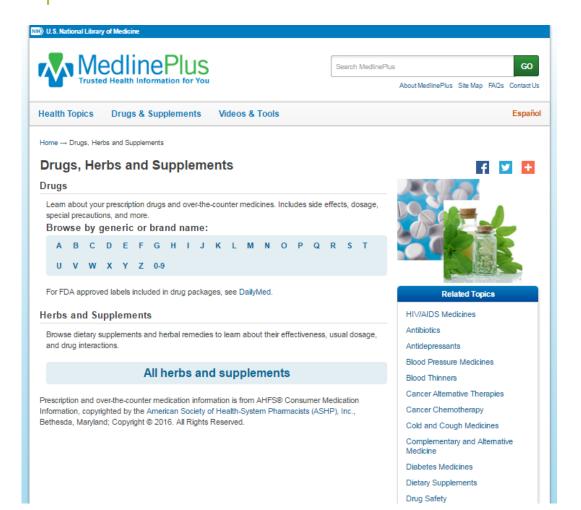
DONATE

ABOUT NEWS EVENTS CONTACT



### DRUG INFORMATION

### DRUG INFORMATION



Home → Drugs, Herbs and Supplements → Sertraline

### Sertraline

pronounced as (ser' tra leen)









Why is this medication prescribed?

How should this medicine be used?

Other uses for this medicine

What special precautions should I follow?

What special dietary instructions should I follow?

What should I do if I forget a dose?

What side effects can this medication cause?

What should I know about storage and disposal of this medication?

In case of emergency/overdose

What other information should I know?

Brand names

### IMPORTANT WARNING:

A small number of children, teenagers, and young adults (up to 24 years of age) who took antidepressants ('mood elevators') such as sertraline during clinical studies became suicidal (thinking about harming or killing oneself or planning or trying to do so). Children, teenagers, and young adults who take antidepressants to treat depression or other mental illnesses may be more likely to become suicidal than children, teenagers, and young adults who do not take antidepressants to treat these conditions. However, experts are not sure about how great this risk is and how much it should be considered in deciding whether a child or teenager should take an antidepressant.

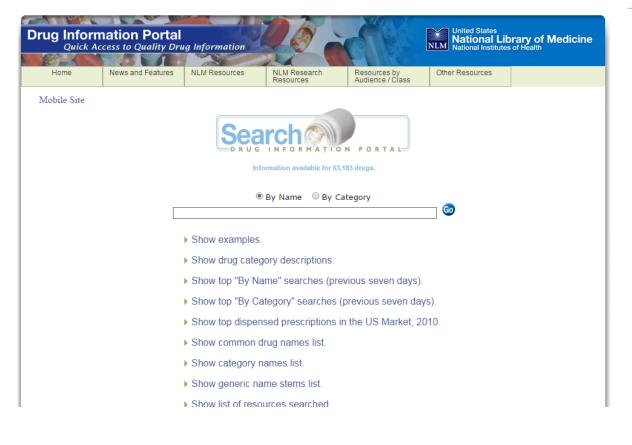
You should know that your mental health may change in unexpected ways when you take sertraline or other antidepressants even if you are an adult over 24 years of age. You may become suicidal, especially at the beginning of your treatment and any time that your dose is increased or decreased. You, your family, or your caregiver should call your doctor right away if you experience any of the following symptoms: new or worsening depression; thinking about harming or killing yourself, or planning or trying to do so; extreme worry; agitation; panic attacks; difficulty falling asleep or staying asleep; aggressive behavior, initability; acting without thinking; severe restlessness; and frenzied abnormal excitement. Be sure that your family or caregiver knows which symptoms may be serious so they can call the doctor if you are unable to seek treatment on your own.

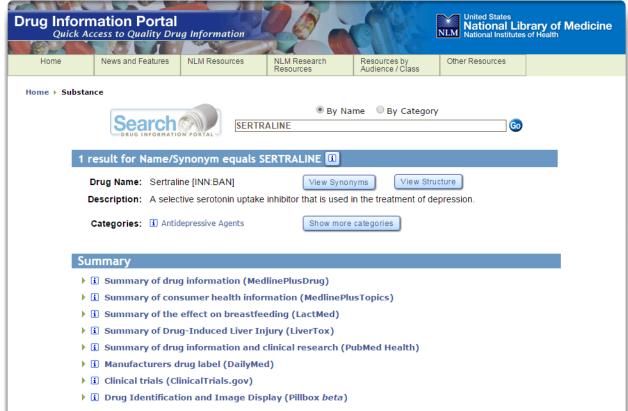
Your healthcare provider will want to see you often while you are taking sertraline, especially at the beginning of your treatment. Be sure to keep all appointments for office visits with your doctor.

The doctor or pharmacist will give you the manufacturer's patient information sheet (Medication Guide) when you begin treatment with sertraline. Read the information carefully and ask your doctor or pharmacist if you have any questions. You also can obtain the Medication Guide from the FDA website: http://www.fda.gov/Drugs/DrugSafety/InformationbyDrugClass/UCM096273.

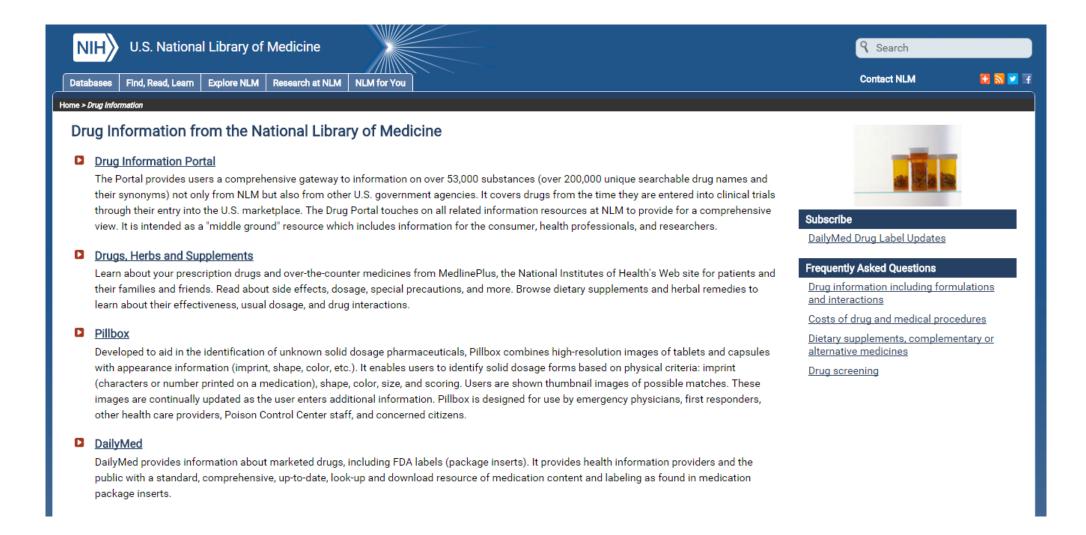
No matter what your age, before you take an antidepressant, you, your parent, or your caregiver should talk to your doctor about the risks and benefits of treating your condition with an antidepressant or with other treatments. You should also talk about the risks and benefits of not treating your condition. You should know that having depression or another mental illness greatly increases the risk that you will become suicidal. This risk is higher if you or anyone in your family has or has ever had bipolar disorder (mood that changes from depressed to

### DRUG INFORMATION PORTAL





### NLM



## NIH NATIONAL CENTER FOR COMPLIMENTARY AND INTEGRATIVE HEALTH (NCCIH)



Search NCCIH Q

NIH...Turning Discovery Into Health

Información en español

Health Info Research Grants & Funding Training News & Events About NCCIH

### Health

### All Health Topics from A-Z

Research-based info from acupuncture to zinc.

### Complementary, Alternative, or Integrative Health

What do these terms mean?

### Be Informed

Learn how to make wise health decisions.

### Herbs at a Glance

Uses and side effects of herbs and botanicals.

### How To Find a Practitioner

Information on seeking treatment.

### Information for Health Care Providers

Evidence-based medicine, continuing education, clinical practice guidelines, and more.

### Featured Health Topics

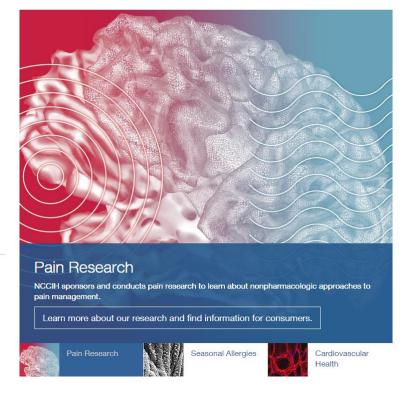
Seasonal Allergies (March 2016)

Menopausal Symptoms (February 2016)

Stress (January 2016)

### News

**Blog Posts** 



NIH...Turning Discovery Into Health

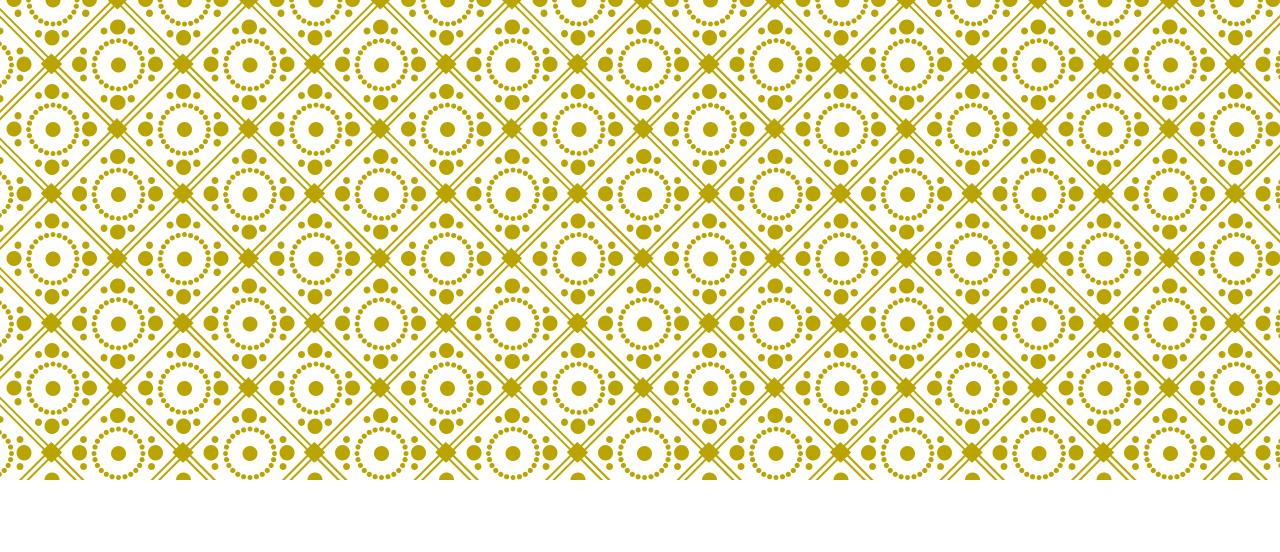
Información en Espai

| Health Info Research Grants & Funding Training News & Events About NCCIH |
|--|
|--|

### Melatonin Information

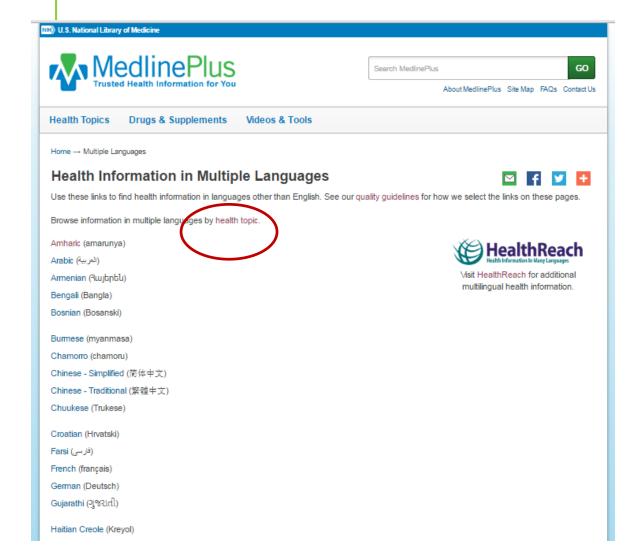
Melatonin is a natural hormone that plays a role in sleep. Melatonin dietary supplements have been studied for sleep disorders, such as jet lag, disruptions to the body's internal "clock," insomnia, and problems with sleep among people who work night shifts. It has also been studied for dementia symptoms.

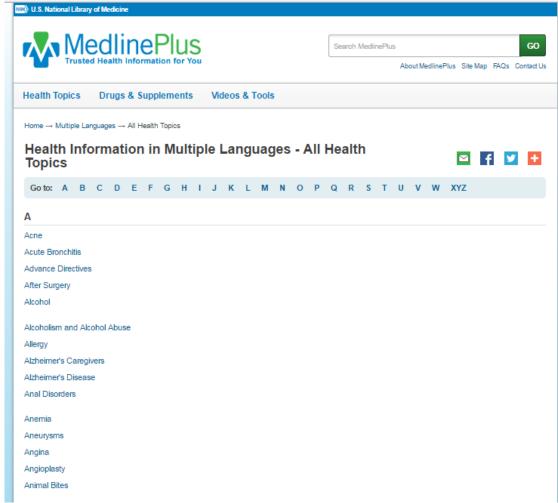
- 5 Things To Know About Safety of Dietary Supplements for Children and Teens
- 7 Things To Know About Complementary Health Approaches for ASD
- 7 Things To Know About Complementary Health Approaches for ADHD
- 5 Tips: Natural Products Used for Common Aging-Related Conditions
- · Melatonin: In Depth
- 5 Things To Know About Sleep Disorders and Complementary Health Approaches
- Alzheimer's Disease at a Glance
- Attention-Deficit Hyperactivity Disorder at a Glance
- Sleep Disorders: In Depth
- Sleep Disorders Information
- Autism Information



### MULTIPLE LANGUAGE MATERIALS

### MEDLINEPLUS MULTIPLE LANGUAGES





### OTHER LANGUAGES



U.S. National Library of Medicine

Patient Materials

Provider Information A-Z Index





About HealthReach





### **Patient Materials**

Find culturally relevant information in multiple languages and formats about health conditions and wellness topics



### **Provider Information**

Discover resources, cultural backgrounders, clinical tools, and guidance about specific immigrant, refugee, and asylee populations



### A-Z Index

Browse the entire collection of patient education materials and provider information tools by topic or category

### **Featured Resources**

### Zika Virus Resources

Zika Virus - Patient Materials

Find reliable multilingual consumer health information about Zika virus transmission, symptoms, and prevention, as well as advice for travelers, pregnant women, and women trying to become pregnant. Resources include fact sheets, posters, and video from the Centers for Disease Control and Prevention (CDC), the Pan American Health Organization (PAHO), the World Health Organization (WHO), and Dallas County Health and Human Services (DCHHS).

### Zika Virus - Provider Information

Healthcare professionals and consumers alike can access up-to-date information and resources about Zika virus. Find scholarly articles, scientific and technical material, epidemiological alerts and updates, communication materials, data, maps, and statistics, video content, and information about clinical evaluation and diagnostic testing for Zika virus from the CDC, the Fogarty International Center, and PAHO.

### Drug and Alcohol Abuse Resources NEW

National Institute of Health Disclaimer Notices: Copyright, Privacy, NLM Accessibility, Department of Health & Human Services HealthReach Accessibility Freedom of Information Act Download Adobe Acrobat® Reader<sup>TM</sup> to view PDF files located U.S. National Library of Medicine, 8600 Rockville Pike, Bethesda, MD 20894 For Microsoft Office, or other media types refer to the Plug-in Directory. Metadata

**Submit Your Resources** 

Link to HealthReach

Contact Us





Portal en español | Asian-Language Publications

Health Information Research Funding News & Events About Us 🖹 print 💹 email Font Size - + Find Health Topic: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

You Are Here: Home

### Our Research Focus

Message from the Director Contact Us Our Mission Long-Range Plan NIAMS Funding Plan

Studies Seeking Patients

What Is a Clinical Trial?

Clinical Trials at NIAMS

NIAMS Highlights

Find All Clinical Trials

### NIH Announces Publication of Action Plan for Lupus Research

This report was a collaborative effort, led by NIAMS on behalf of the NIH. It represents a synthesis of internal and external input on promising future research directions to improve the lives of people with lupus.

Find out more about the Action Plan.

▶ Same Immune Regulatory Protein Found to Play Instrumental Role in Two Hereditary Autoinflammatory

▶ Special Announcement — April 21, 2016, Guest Director's Letter: At NIH, Minority Health Is

F Study Suggests Most Women With Mild to Moderate Lupus Can Expect to Have Healthy Pregnancies

### Research at NIAMS

Post-Award Request How-To's Ongoing Research in Our Labs Training in Our Labs

For Scientific Researchers

Funding Opportunities

NIAMS Funding Opportunities

Electronic Submission of Grants

### more news and events > Accelerating Medicines





### NIAMS on Twitter

Tweets by @NIH\_NIAMS

NIH) NIAMS/NIH/D... @NIH NIAMS



▶ Rapid-response Immune Cells Are Fully Prepared Before Invasion Strikes

### ▶ Bone Loss Triggered by Hormonal Condition Found to Involve Immune Molecule

NIAMS Update — April 21, 2016

Everyone's Concern, Every Day

**News and Events** 

NIAMS Coalition Kids Pages Multimedia Pages Multicultural Informatio NIH and NASA Summer Student Program



### ▶ Two Drugs That Treat Rheumatoid Arthritis and Blood Cancers Shown to Promote Hair Growth

Skip Navigation | En Español

National Institute of Neurological Disorders and Stroke

🔰 🔝 f 🐠 Disorders A - Z: A B C D E F G H I J K L M N O P Q R S T U Y W X Y Z

News

**DNA** repair factor

linked to breast cancer

may also play a role in

Alzheimer's disease

0 0 0 0 0

### Director's Message Events News Director's Corner

### Disorders A - Z Rare Disease Research at NINDS News From NINDS

Funding Information

Research Programs

**Enhancing Diversity** 

Find People

About NINDS

Training & Career Awards

Stroke Awareness

Visit the Know Stroke website

such as brochures, posters, and

to learn more about stroke and

obtain Know Stroke materials



When most people think of neurological disorders, a small number of diseases that affect millions of people-such as epilepsy, Parkinson's disease, and stroke-come to mind. While we focus a majority of our effort on these devastating diseases, we also have very dedicated research programs devoted to finding treatments for numerous rare diseases, which are defined as conditions affecting fewer than 200,000 Americans. In fact, due to the prevalence of etz, M.D. neurological symptoms in rare diseases—of the

estimated 7,000 known rare diseases that lead to significant morbidity and mortality in 25 million people in the United States, a third are thought to include a neurological component-NINDS funds research in to an extraordinary number of rare diseases.

Examples of rare neurological conditions that NINDS-funded scientists and clinicians study are amyotrophic lateral sclerosis (ALS), Duchenne muscular dystrophy, and Huntington's disease. In addition, NINDS funded research of hundreds of other rare diseases, including cerebrovascular diseases, neurometabolic disorders, neuromuscular and neurodegenerative disorders, movement disorders, epilepsies... More Message »



► Funding Overview

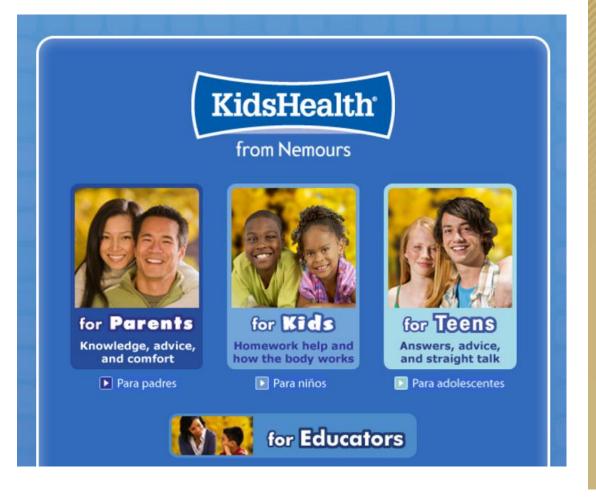
▶ 2014 NINDS Funding

For Researchers...

- Outcomes
- ► NINDS Funding Strategy ► Funding Opportunities



### KIDSHEALTH.ORG





For Parents For Kids For Teens

from Nemours

Search

**Parents Home** 

General Health

**Growth & Development** 

Infections

Diseases & Conditions

Pregnancy & Baby

**Nutrition & Fitness** 

**Emotions & Behavior** 

School & Family Life

First Aid & Safety

**Doctors & Hospitals** 

08A

Recipes

En Español



Turner **Syndrome** 

KidsHealth > For Parents > Turner Syndrome

AAA E

What's in this article?

see more [+]

en español O

indrome de Turner

Listen

Turner syndrome, a medical disorder that affects about 1 in every 2,500 girls, is a genetic condition in which a

female does not have the usual pair of two X chromosomes. Girls who have this condition usually are shorter than average and infertile due to early loss of ovarian function.

**About Turner Syndrome** 

Turner syndrome (TS) was first described in 1938 by Dr. Henry Turner, an endocrinologist, who noted a set of common physical features in some of his female patients. It is the result of a chromosomal abnormality in which a female infant is born with only one X chromosome (instead of two) or is missing part of one X chromosome.

In most cases, untreated females with this disorder are short in stature (average final adult height is 4 feet 7 inches) and may have a variety of related physical features and medical problems.

Because females with TS don't have proper ovarian development,

Partner Message:





billion visits



Partner with KidsHealth

What other parents

### OTHER MULTI-LINGUAL LINKS













# CONCERNS AND ISSUES

to consider

### **HEALTH NEEDS**

- Comorbidity or dual diagnosis
- Dental Health
- Mental Health
- Nutrition/diet
- Locating an experienced physician
- Insurance
- Medical Home

### HEALTH NEEDS- MEDLINEPLUS

### Related Issues

- Alzheimer's Disease in People with Down Syndrome (National Institute on Aging)
- Anesthesia & Down Syndrome (National Down Syndrome Society)
- Dental Issues & Down Syndrome (National Down Syndrome Society)
- Down Syndrome Myths and Truths (National Down Syndrome Society)
   Available in Spanish
- . Down Syndrome: Education (National Down Syndrome Society)
- . Down Syndrome: Eye Problems (American Association for Pediatric Ophthalmology and Strabismus)
- Dual Diagnosis of Down Syndrome & Autism (National Down Syndrome Society)
- . Ear, Nose & Throat Issues & Down Syndrome (National Down Syndrome Society)
- Heart and Down Syndrome (National Down Syndrome Society)
- . Mental Health Issues & Down Syndrome (National Down Syndrome Society)
- Sexuality and Down Syndrome (National Down Syndrome Society)
   Available in Spanish
- Speech & Language Therapy for Children and Adolescents with Down Syndrome (National Down Syndrome Society)
- What Causes Down Syndrome? NIH) (National Institute of Child Health and Human Development)
   Available in Spanish
- What Conditions or Disorders are Commonly Associated with Down Syndrome?
   (National Institute of Child Health and Human Development)
   Available in Spanish

#### Genetics

- Genetics Home Reference: Down syndrome (National Library of Medicine)
- Learning about Down Syndrome NH (National Human Genome Research Institute)

# RESOURCES BEYOND NLM/NIH









| Employment | AUCD Projects and Products (NIRS) Search





**Washington State Department of Social and Health Services** 

Developmental Disabilities Administration

About DDA | DDA Help | Find an Office | Roads to Community Living





A network of interdisciplinary centers advancing policy and practice for and with individuals with developmental and other disabilities, their families, and communities

### DENTAL HEALTH- INSUREKIDSNOW.GOV

### Dental Care for Children with Special Needs

If your child has a developmental disability, a behavioral issue or a physical limitation, it's important for you to find a dentist who can give dental care while accommodating your child's unique situation. Children with special needs — like mild anxiety disorders, Down syndrome and cerebral palsy — may need extra time or support when seeing a dentist.



#### Supports for Special Needs at the Dentist

Finding the right dentist for your child requires balancing your child's needs with the dentist's experience. Call or visit the dentist's office to find out if the dentist is familiar with your child's condition and how it could affect his or her oral health. Describe the special supports your child may need and ask whether the dentist can provide them. When looking for a dentist, think about these special supports and dentist qualifications:

- PRE-APPOINTMENTS: Does the dentist offer pre-appointments? A pre-appointment would give your child a chance
  to meet the dentist and see the exam room and equipment. This could help your child feel more comfortable and be
  more cooperative during the actual dental appointment.
- ACCESSIBILITY: Are the areas inside and outside the dentist's office accessible for your child? If your child uses
  a wheelchair, you'll want to find a dentist's office where the wheelchair will fit through the front door and in the
  examination norm.
- EXPERIENCE: Dentists and their staff who have already cared for children with special needs may have developed strategies that could help support your child. They may also be able to give you advice on oral health home care, like tios for brushing teeth.
- SPECIALIZED CLINICAL TRAINING: Some general dentists and most pediatric dentists get special training to treat
  children with special needs. Before scheduling an appointment, find out whether the dentist has had such training.
- SEDATION: Some children may need general anesthesia, while others may need some mild sedation, which can
  be given by mouth or from an IV drip. Speak with the dentist about your child's options, and find out what he or she
  recommends for your child.

#### Steps to Finding the Right Dentist

These resources can help you find a dentist who can meet your child's special needs.

- Use the Insure Kids Now Dental Locator on www.InsureKidsNow.gov to find nearby dentists
  that accept Medicaid coverage. Enter your child's state, Medicaid plan name, and ZIP code or
  address. Hit "Search." Under the "More Information" column, look for the dentists that "Can
  Accommodate Special Needs." Before you make an appointment, call or visit the dentist's
  office to talk about your child's special needs.
- Family Voices is a network of experienced family members of children with special needs.
   Connect with Family Voices in your state at www.FamilyVoices.org/states to find information on a variety of topics, as well as referrals and support from other families.



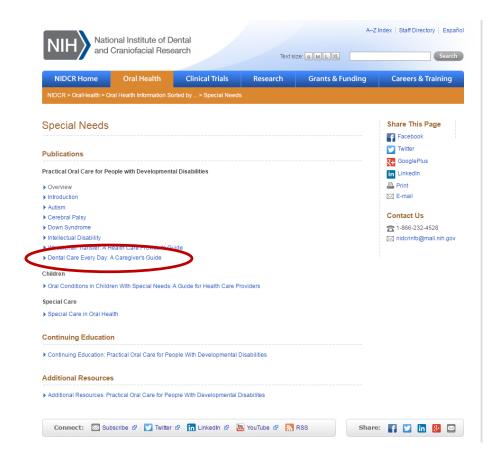


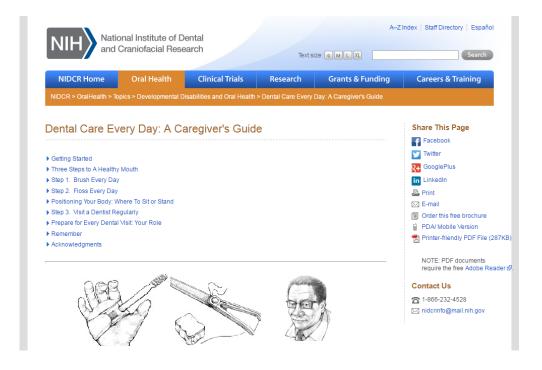
Go to InsureKidsNow.gov or call 1-877-KIDS-NOW to learn more about Medicaid and the Children's Health Insurance Program and how to enroll your eligible child.

These programs cover the dental benefits children need.

Visit HealthCare.gov to learn more about affordable health coverage for your family.

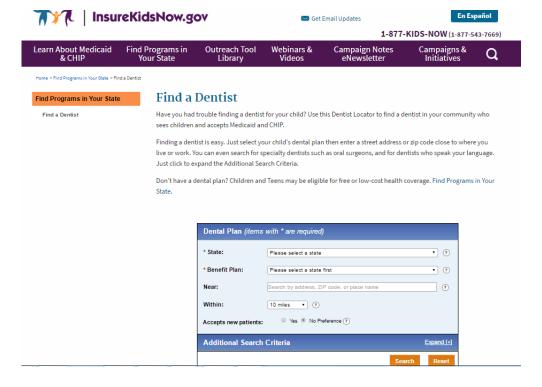
### DENTAL HEALTH- NIH NIDCR



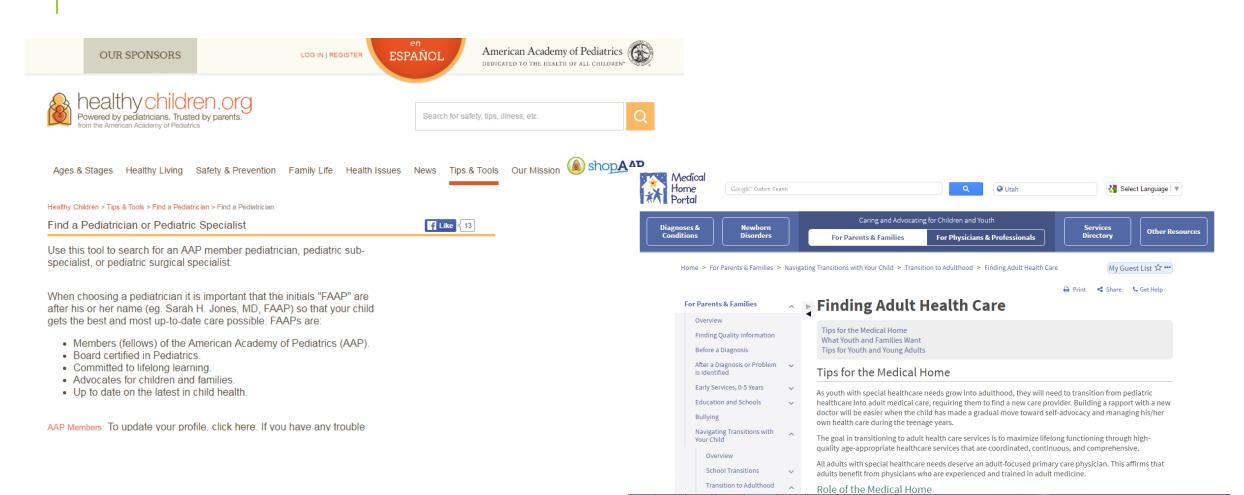


### FINDING A DENTIST





### LOCATING A PHYSICIAN



### MENTAL HEALTH



November 2 - November 4,

tailored to the educational needs of

the organization requesting the

Support for FDA Proposal to Ban

Electric Shock for Behavior Control

In a letter signed by Founder and CEO

General Email: info@thenadd.org



The NADD 132 Fair Street Kingston, NY 12401



(845)331-4336 (800)331-5362 (845)331-4569 (fax)

### MENTAL HEALTH- FAMILY VOICES

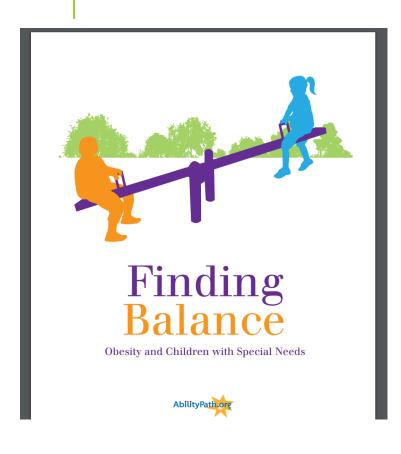


### CHILDREN'S MENTAL HEALTH SERVICES:

### A FAMILY GUIDE



### HEALTHY LIVING





Real People, Practical Solutions, Real Changes

Home Who We Are What We Do Products Research Alerts Contact Us

Resources News Archive Why Health Matters

### 1. Getting the Memo

Interactive Atlas - View county-level maps of heart disease and stroke, along with maps of social environmental conditions and health services for the entire United States or for a chosen state or territory.

The Power of Prevention - A publication covering chronic diseases, what causes them and at what cost.

Heart Disease Fact Sheet - Heart disease facts, risk factors, and public health campaigns.

**National Core Indicators** - NCI<sup>TM</sup> is a voluntary effort by public developmental disabilities agencies to measure and track their own performance.

Nutrition for Everyone - resources to help you start healthier eating habits.

**Nutrition Basics -** basic concepts related to nutrition to keep in mind.

### 2. Am I ready? Is my Organization ready?

#### **Body Mass Index Calculator**

Fruit and Vegetable Serving Calculator

Portion Distortion - Compare portion sizes from 20 years ago to present. Fun, interactive activities.

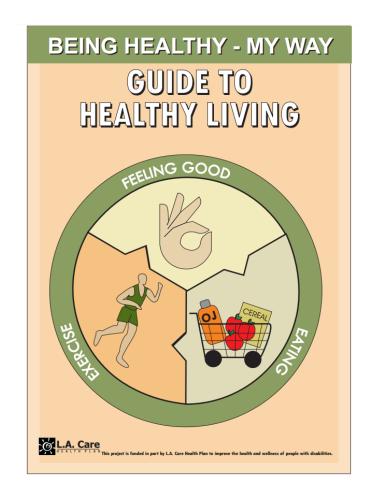
What Counts as a Cup? - examples of foods and serving sizes.

**VIDEO Beyond Disability** - Empowered Fe Fes (slang for female), a group of young women with disabilities, hit the streets of Chicago on a quest to discover the difference between how they see themselves and how others see them.

#### 3. Making Lifestyle Changes

#### VIDEO HealthMatters Program!

Thera-Band Academy - has over 900 exercises using Thera-Band products that you can search for and create



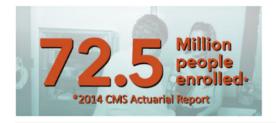
### MEDICAID

Federal Policy Guidance Medicaid CHIP Basic Health Program State Resources Affordable Care Act About Us

Learn about your healthcare options

Home > Medicaid

### Medicaid



#### Overview

Medicaid provides health coverage to millions of Americans, includ low-income adults, children, pregnant women, elderly adults and pe disabilities. Medicaid is administered by states, according to federa requirements. The program is funded jointly by states and the fede government.

Featured

### Policy and Program Topics

Benefits

Cost Sharing

Delivery Systems

Medicaid State Plan Amendments

Eligibility

Financing & Reimbursement

Long-Term Services & Supports

**Demonstrations & Waivers** 



Learn How to Apply for Coverage



Medicaid & CHIP **Enrollment Data** 



Medicaid Innovation Accelerator Program

### By Population

- Children
- Non-Disabled Adults
- Individuals with Disabilities
- Seniors & Medicare and Medicaid Enrollees

State Medicaid & CHIP Profiles

Choose a State

### Across Programs

- National Program Information
- Guidance & Regulations
- Outreach Tools
- Enrollment Strategies
- Access to Care
- Quality of Care

Stay Connected Q Website Feedback

Archive CMS.gov Site Map FAQs

Children Adults Pregnant Women Individuals with Disabilities Seniors & Medicare and Medicaid Enrollees

By Population > Individuals with Disabilities

#### Individuals with Disabilities

### Individuals with Disabilities

Medicaid provides health coverage to over 8.8 million non-elderly individuals with disabilities, including those who are working or who want to work. Federal statute provides for both mandatory and optional coverage for individuals with disabilities.

### Eligibility

Many individuals who qualify for Medicaid based on disability also receive cash assistance under the Supplemental Security Income (SSI) program. In almost all states, SSI eligibility automatically qualifies an individual for Medicaid coverage. However, some states use more restrictive eligibility criteria than those used by the SSI program. This means that in those states (commonly referred to as 209(b) states) receipt of SSI does not guarantee eligibility for Medicaid. Individuals not receiving SSI but seeking coverage based on disability must demonstrate that they have an impairment that prevents them from performing "substantial gainful activity" for at least one year. Once a disability determination is made, the individual must then undergo an asset test and meet specific income requirements in order to be considered for Medicaid eligibility.

#### Benefits

Individuals with disabilities who are eligible for Medicaid are entitled to all services that are deemed medically necessary. Many require and receive long term services and supports. These services can be provided through a variety of delivery systems.





#### Related Resources

- Medic aid Benefits
- Long-Term Services & Supports
- Delivery Systems
- Balancing
- Integrating Care



A federal government managed website by the Centers for Medicare & Medicaid Services. 7500 Security Boulevard Baltimore, MD 21244



### INSURANCE- HEALTHCARE.GOV



People with disabilities





### Supplemental Security Income (SSI) Disability & Medicaid coverage

Coverage options for people with disabilities

Social Security Disability Insurance (SSDI) & Medicare coverage

Supplemental Security Income (SSI) Disability & Medicaid coverage

Waiting for a disability status decision and don't have health insurance

No disability benefits, no health coverage

The Marketplace application and disabilities

If you have <u>Supplemental Security Income (SSI) Disability</u>, you may get Medicaid coverage automatically or you may have to apply.

### If you get SSI Disability and have Medicaid

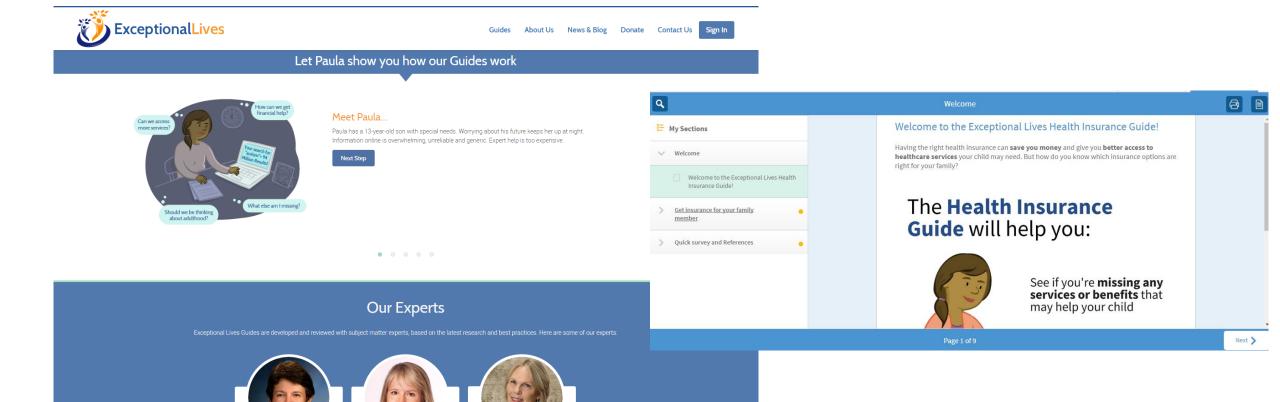
You're considered covered under the health care law. You don't need to get a Marketplace plan. You won't have to pay the penalty that people without coverage must pay.

### If you get SSI Disability and don't have Medicaid

You can apply for Medicaid coverage. But whether you need to apply depends on your state

- In many states, SSI recipients automatically qualify for Medicaid and don't have to fill
  out a Medicaid application.
- In other states, your SSI guarantees you Medicaid eligibility, but you have to sign up for it.
- In a few states, SSI doesn't guarantee Medicaid eligibility. But most people who get SSI are still eligible

### INSURANCE- EXCEPTIONAL LIVES



### MEDICAL HOME- AHRQ



### Defining the PCMH

The medical home model holds promise as a way to improve health care in America by transforming how primary care is organized and delivered. Building on the work of a large and growing community, the Agency for Healthcare Research and Quality (AHRQ) defines a medical home not simply as a place but as a model of the organization of primary care that delivers the core functions of primary health care.

The medical home encompasses five functions and attributes:

#### 1. Comprehensive Care

The primary care medical home is accountable for meeting the large majority of each patient's physical and mental health care needs, including prevention and wellness, acute care, and chronic care. Providing comprehensive care requires a team of care providers. This team might include physicians, advanced practice nurses, physician assistants, nurses, pharmacists, nutritionists, social workers, educators, and care coordinators. Although some medical home practices may bring together large and diverse teams of care providers to meet the needs of their patients, many others, including smaller practices, will build virtual teams linking themselves and their patients to providers and services in their communities.

More about Comprehensive Care >>

#### 2. Patient-Centered

The primary care medical home provides health care that is relationship-based with an orientation toward the whole person. Partnering with patients and their families requires understanding and respecting each patient's unique needs, culture, values, and preferences. The medical home practice actively supports patients in learning to manage and organize their own care at the level the patient chooses. Recognizing that patients and families are core members of the care team, medical home practices ensure that they are fully informed partners in establishing care plans.

More about Patient-Centered Care >>

#### 3. Coordinated Care

The primary care medical home coordinates care across all elements of the broader health care system, including

#### Related White Papers

Creating Patient-centered Team-based Primary Care

Engaging Patients and Families in the Medical Home

Coordinating Care in the Medical Neighborhood: Critical Components and Available Mechanisms

Engaging Primary Care Practices in Quality Improvement: Strategies for Practice Facilitators

Using Health Information Technology to Support Quality Improvement in Primary Care

### MEDICAL HOME- AAP





Powerful Partnerships

A Handbook for Families and Providers Working Together to Improve Care

Authors:
Elizabeth Aquino
Tara E. Bristol, MA
Virginia Crowe, RN, EdD
Janet DesGeorges
Pat Heinrich, RN, MSN



### **CAREGIVERS**

- Almost half are over age 50
  - -1/3 fair to poor health
- Caregiving causes heavy emotional, physical and financial toll
- Experience conflicting emotions
- 22% caregivers taking care of 2
- 8% caregivers taking care of 3 or more

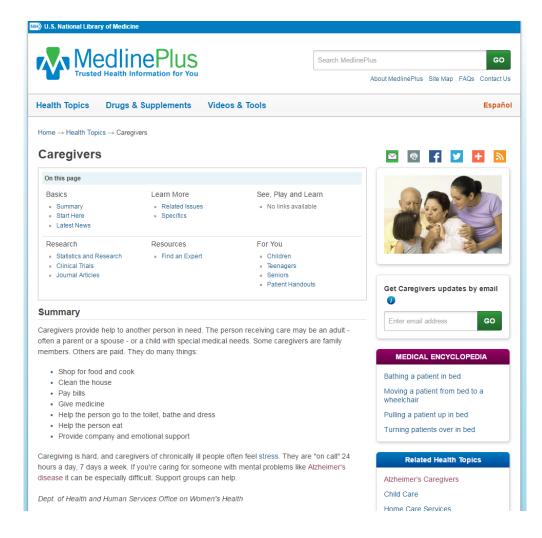
### CAREGIVER- BENEFITS

- Find meaning or sense of purpose
- Coping mechanism
- Personal satisfaction
- Increased confidence
- Increased family bond
- Increased health

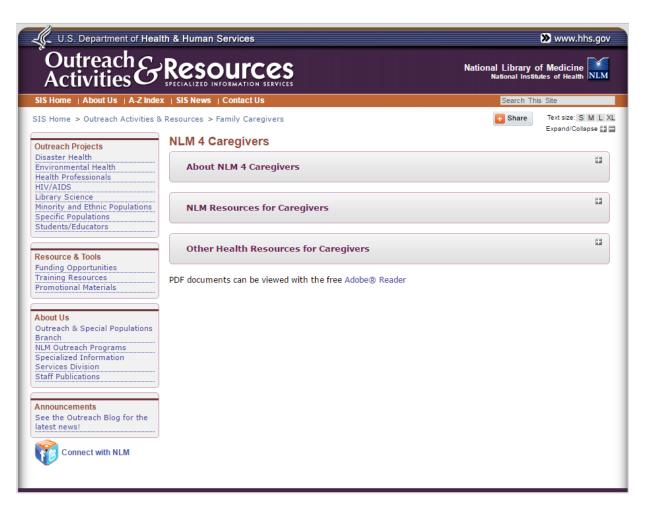
### CAREGIVER- CHALLENGES

- Financial burdens
- Physical challenges
- Emotional needs
- Employment factors
- Isolation

### CAREGIVERS- MEDLINEPLUS



### NLM 4 CAREGIVERS



Find us on Facebook, Twitter and Pinterest



















#### Clinical Trials.gov

Information for locating federally and privately supported clinical trials.

https://clinicaltrials.gov

#### DailvMed\*

Current information about medications. Includes U.S. Food and Drug Administration package inserts.

#### https://dailymed.nlm.nih.gov

#### Dietary Supplement Label Database Information about label ingredients in selected brands.

http://www.dsld.nlm.nih.gov/dsld

#### Drug Information Portal

Portal to current drug information from NLM and other federal agencies.

#### http://druginfo.nlm.nih.gov/drugportal/drugportal.jsp

#### Genetics Home Reference™

A guide to understanding genetic conditions. https://ghr.nlm.nih.gov

### Household Products Database

Ingredients in common household products and their effect on human health.

https://hpd.nlm.nih.gov

#### LactMed\*

Drugs to which breastfeeding mothers may be exposed. Includes each drug's possible effects on breast milk and the baby.

https://lactmed.nlm.nih.aov

#### LiverTox\*

Information about how drugs and herbal supplements can affect the liver.

http://livertox.nlm.nih.gov

#### MedlinePlus\*

Health information about diseases, conditions, wellness, drugs, herbs and supplements. Includes directories, medical encyclopedia, medical dictionary and health check tools. https://www.nlm.nih.gov/medlineplus/

https://www.nlm.nih.gov/medlineplus/spanish/

### Multi-Cultural Resources for Health

#### Information

Culturally and linguistically appropriate health information and resources for diverse communities.

https://www.sis.nlm.nih.gov/outreach/multicultural.html

#### NIHSeniorHealth

Basic health and wellness information for older adults and their caregivers.

https://nihseniorhealth.gov/

#### Pillbox

Rapid identification of unknown solid-dosage pills.

https://pillbox.nlm.nih.gov

#### PubMed\*MEDLINE\*

Bibliographic database comprising millions of citations from biomedical literature, life sciences journals and online books. http://pubmed.gov

#### PubMed Health

Reviews of clinical effectiveness research, with easy-to-read summaries and full technical reports.

http://www.ncbi.nlm.nih.gov/pubmedhealth

#### Stav Connected

■ Facebook https://www.facebook.com/NLM4Caregivers

■ Twitter @NLM\_4Caregivers

■ Pinterest https://www.pinterest.com/nlm4caregivers

### Web-based Training Resources

Learning Resources Database: Animated tours, tutorials and other online training material. https://learn.nlm.nih.gov

#### MedlinePlus Tutorials

MedlinePlus Homepage

https://www.youtube.com/watch?v=PlkjlvYsubM

MedlinePlus Health Topics

https://www.youtube.com/watch?v=tvzSE6Wk0vc

MedlinePlus Drugs and Supplements
 https://www.voutube.com/watch?vw-pohv6RAK98

■ MedlinePlus Cool Tools

https://www.youtube.com/watch?v=1SAAPhqQs4E



National Library of Medicine 8600 Rockville Pike, Bethesda, MD 20894 888.FIND.NLM (888.346.3656) custserv@nlm.nih.gov





### CAREGIVER SUPPORT







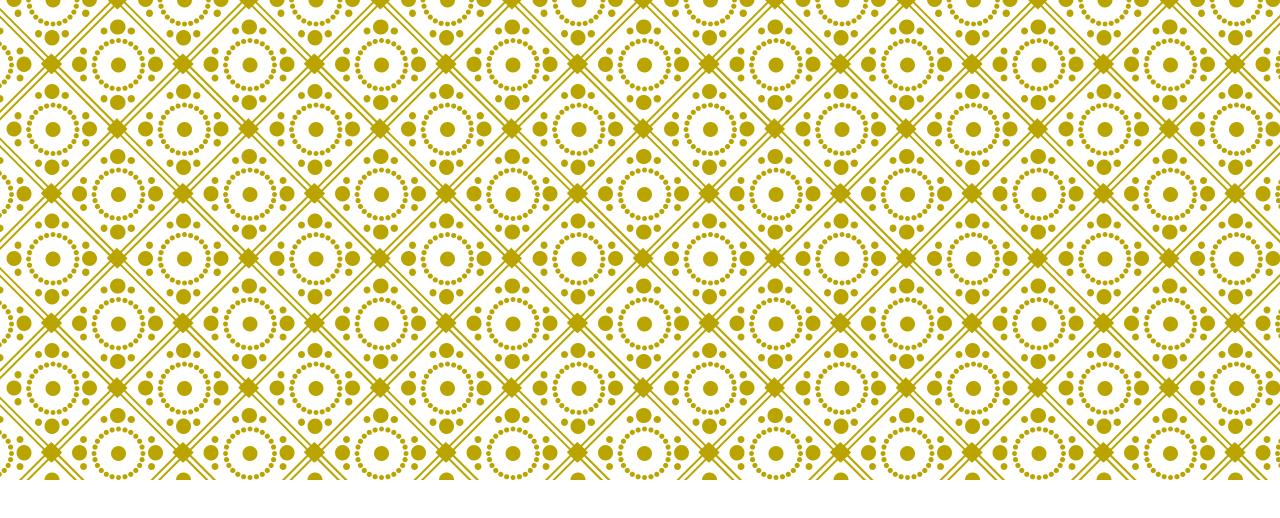












# INTERACTING

Language and Etiquette

### INTERACTING- CDC

### **Communicating With and About People with Disabilities**



About 50 million Americans report having a disability. Most Americans will experience a disability some time during the course of their lives. Disabilities can affect people in different ways, even when one person has the same type of disability as another person. Some disabilities may be hidden or not easy to see.

### **People First Language**

People first language is used to speak appropriately and respectfully about an individual with a disability. People first language emphasizes the person first not the disability. For example, when referring to a person with a disability, refer to the person first by using phrases such as: "a person who ...", "a person with ..." or, "person who has..."

Here are suggestions on how to communicate with and about people with disabilities.



| People First Language  | Language to Avoid   |
|--|---|
| Person with a disability   | The disabled, handicapped   |
| Person without a disability  | Normal person, healthy person   |
| Person with an intellectual, cognitive,<br>developmental disability  | Retarded, slow, simple, moronic,<br>defective or retarded, afflicted, special<br>person |
| Person with an emotional or behavioral<br>disability, person with a mental health<br>or a psychiatric disability | Insane, crazy, psycho, maniac, nuts   |
| Person who is hard of hearing  | Hearing impaired, suffers a hearing loss  |
| Person who is deaf   | Deaf and dumb, mute   |
| Person who is blind/visually impaired  | The blind   |
| Person who has a communication<br>disorder, is unable to speak, or uses a<br>device to speak                     | Mute, dumb  |
|  |   |

# INTERACTING- NATIONAL CENTER ON DISABILITY AND JOURNALISM



### Disability Language Style Guide



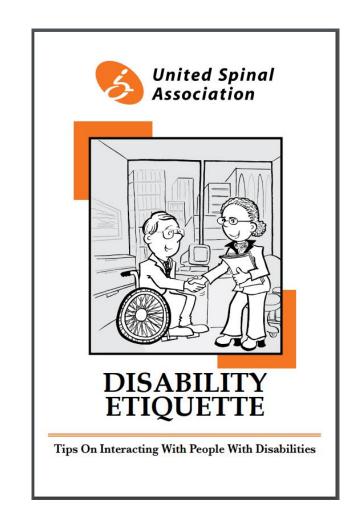
The style guide is intended for journalists, communication professionals and members of the general public who are seeking the appropriate and accurate language to use when writing or talking about people living with disabilities. The guide covers general terms and words on physical disabilities, hearing and visual impairments, mental and cognitive disabilities and seizure disorders. Entries are listed in alphabetical order. Click on the index above to jump to entries that begin with that letter.

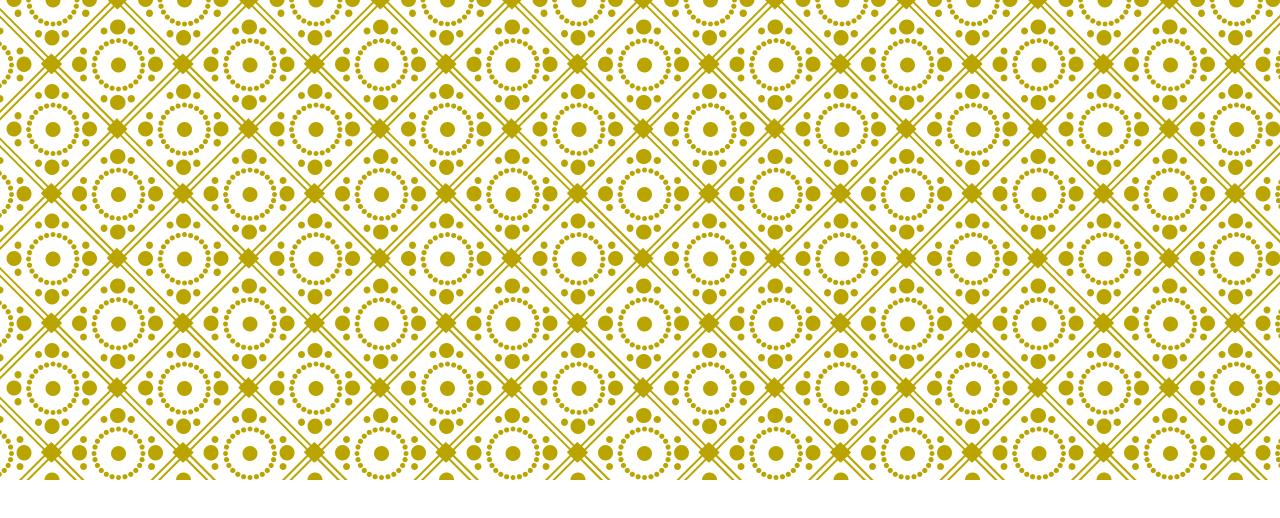
Each entry includes a definition of the word or term, a summary of how it is used or viewed by disability groups and guidance, when available, from The Associated Press Stylebook. Finally, each entry includes the NCDJ recommendation, which strives for accuracy and aims to strike a balance between clarity and sensitivity.

See also: "Terms To Avoid When Writing About Disability"

Able-bodied

### DISABILITY ETIQUETTE- TIPS





# PROGRAMS AND SERVICES

ideas for libraries

## PROGRAM/SERVICE IDEAS

- Medical issues specific to specific developmental disabilities
- Mental health, dental health
- Exercise and nutrition
- Parenting
- Education
- Transitioning to adulthood
- Sexuality
- Clinical trials
- Medicaid waiver, insurance, and power of attorney, guardianship
- Caretaker care, family care, sibling care
- Programs focused on specific awareness months



You don't have to be the expert!

Collaborate!

### LOCATION CONSIDERATIONS

- Visible location
- Parking
- •Ground level and/or elevators
- Location accessibility, ADA compliant
- Near public transportation
- Consider a separate supervised area for kids
- Be aware of visual, hearing, mobility needs
- Computers / Internet access needed?



### OTHER FACTORS TO CONSIDER

- •Cultural / religious sensitivity
- Health literacy: use plain language, don't rush
- Sensitive to time, may need to have very short session with most important information first
- Translators needed?
- Enough staff?
- Offer sessions to accommodate various work shifts
- Provide basic handouts
- Offer to be available after the session for specific questions
- Not too much information

# ACCESSIBILITY INTEREST GROUP (AIG)



### Accessibility Interest Group

Home

AIG Minutes

AIG News and Events

AIG Resources & Documents

Services to People with Print Disabilities (SPPD) Working Group

### Welcome to the Accessibility Interest Group (AIG)!

The decision has been made by the Special Needs Interest Group (SNIG) to update its name to Accessibility Interest Group (AIG) starting March 1, 2015.

#### Who We Are

Library personnel from all types of libraries, and others who are interested in library services to people with disabilities. If you are involved in providing library services to people with special needs, please consider joining us, we welcome new members.

### Our Purpose

To improve library service to people with disabilities.

#### Our Terms of Reference



# QUESTIONS

### Carolyn Martin, MLS, AHIP

Consumer Health Coordinator

NN/LM Pacific Northwest Region

http://nnlm.gov/pnr

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